

DATE: July 9, 2018

TO: RMC Governing Board

FROM: Mark Stanley, Executive Officer

SUBJECT: Item 16: Consideration of a resolution approving a grant to the County of Los Angeles Department of Parks and Recreation for the Magic Johnson Stormwater Management Project (RMC 17027)

PROGRAM AREA: Urban

PROJECT TYPE: Implementation

JURISDICTION: 2nd Supervisorial District, County of Los Angeles

PROJECT MANAGER: Marybeth Vergara

RECOMMENDATION: That the RMC Board authorize approval of a grant to the County of Los Angeles Department of Parks and Recreation (County DPR) for the Magic Johnson Stormwater Management Project (MJ Stormwater Project) in the amount of \$3,000,000 to support the water infrastructure improvements and construction near Earvin “Magic” Johnson Recreation Area’s (EMJ) South Lake, a component of the park’s larger \$50-million, multi-phase Master Plan (EMJ Master Plan) project.

Project:	Magic Johnson Stormwater Management Project (RMC17027)	
Applicant:	County of Los Angeles Dept. of Parks & Recreation	
Program area:	Urban	
Amount requested:	\$3,150,000	
Amount recommended for funding:	\$3,000,000	
URBAN LANDS PROJECT EVALUATION CRITERIA SUMMARY		
Factor	Project Score	Total Possible Points
1. Restore River Parkways	6.25	10
2. Educational/Interpretive	1.75	2
3. Habitat and Restoration Resource	9.75	15
4. Matching Funds	6	7
5. Environmental Justice and Disadvantaged Communities	34.625	38
6. Multi-benefit and Multi-Jurisdictional	1.625	3
7. Stakeholders/Partners Resource	6.375	8
8. Stewardship and Management Plan	2.25	4
9. Water Sustainability/Water Storage/Water Infrastructure	5.625	10
10. Urban Land	6	10

11. Water Resource and Quality	16.25	25
TOTAL POINTS	96.5	133

PROJECT DESCRIPTION: County Department of Park and Recreation (DPR), in partnership with the County of Los Angeles Department of Public Works (DPW), developed the stormwater recycling system that will provide a cleaning mechanism for the EMJ South Lake and create a sustainable irrigation system for the site that recycles local stormwater. In support of these water infrastructure improvements and sustainability efforts in the reconfiguration of the EMJ South Lake, the MJ Stormwater project will include the creation of a biofiltration garden that integrates native riparian vegetation to imitate a natural wetland filtration process, allowing for filtration of dirty runoff water and greywater to be cleaned and stored in the South Lake. In addition, the biofiltration garden will serve a dual purpose by providing irrigation to the park and acting as a storage and overflow zone that will ensure only clean water flows from the Lake to the Compton Creek which runs through Willowbrook (a subwatershed of the Los Angeles River). With the new design, the South Lake will be reborn as a natural-looking body of water that circulates and cleans stormwater and play a major part in revitalizing the park and natural habitat for health of the community and local wildlife. The Project will also help increase the avian habitat within EMJ by introducing nesting structures for herons and other bird species.

The reconfiguration of EMJ's South Lake (See Exhibit D page 13, Sheet W006, depicting diversion structure and treatment plant) includes the complete transformation of the lake from a built concrete structure with stagnant water into a new design that will provide substantial water conservation and water quality improvements, treatment of stormwater runoff through the capture of dry and wet weather flows from a large watershed, and utilization of recycled water.

An analysis conducted by County DPW determined that between 30,000 and 120,000 gallons per day of dry weather flow is available. It is the intent of the Master Plan project to reduce storm weather discharge into the creek, located to the east of the park site. The reduction will be achieved by capturing, treating, and storing the flows in the lakes on-site up to the 85 percentile of a 100-year storm event. The new design will provide multi-benefits and watershed protection by involving a stormwater recycling system that will capture and collect dry weather and wet/stormwater flows from the creek watershed conveyed through an 84" storm drain along El Segundo Boulevard and into a diversion structure located onsite. The flows will be pretreated to capture suspended particles in the water. The pretreated water and potable water will be discharged into the South Lake as well as into a recycled water irrigation system used to irrigate the park landscaping, which will, then, be recirculated back into the pretreatment vault.

Other elements of the MJ Stormwater project consist of site preparation, including erosion control, protection of existing trees, removal of some existing vegetation, and demolition of existing site features and utilities; planting of new native, drought-tolerant landscaping; construction of a pedestrian pathway with decomposed granite around EMJ's South Lake; and enhancement of an existing parking area. Additionally, educational/interpretive elements are included in and around the water treatment facility to educate the public on watershed stewardship through the water treatment systems of EMJ, the larger watershed system, illustrate the Creek and stormwater connection, and discuss the role that EMJ will play from a more regional perspective.

Since the Master Plan project involves joint-use of the site between County DPR and County DPW, the two agencies are in the process of drafting Operation and Maintenance agreements regarding the Diversion Pump Station and Water Treatment Station. County DPW will manage and maintain the Stormwater Treatment Plant and Facilities, and County DPR will manage and maintain the rest of the

park and remaining facilities. County DPR's experienced park superintendents and maintenance staff will operate and maintain the project site to ensure optimal operation of the MJ Stormwater Project. A monitoring and assessment plan will be utilized to regularly inspect the project site for mechanical issues, habitat issues, and cleanliness.

County DPR intends to sustain revitalization efforts of the local watershed by providing a foundation that will help to achieve and maintain a clean, healthy, and sustainable water system in the region. The MJ Stormwater Project will support these efforts by providing the necessary groundwork for the water infrastructure improvements to the South Lake and to the overall site. The MJ Stormwater Project will also help reinforce sustainability efforts that contribute to a healthy, inviting, safe, and accessible park space and community and natural environment.

The project is scheduled to begin construction in October 2018 and is anticipated to be completed by January 2021. See the attached Exhibit B- Budget, Exhibit C-Timeline, and Exhibit D-DPR proposal (excerpt), including site plan, plant list, and more detailed project description. DPR's entire application can be downloaded from the following address: https://www.dropbox.com/s/4cpow2fylgd9s7x/_RMC%20Prop%201_MJ%20Stormwater%20Management_Grant%20Application%20FINAL.pdf?dl=0

BACKGROUND: The project is located in the highly urbanized and disproportionately low income unincorporated community of Willowbrook in Los Angeles County (See Exhibit A for the project's site map). The MJ Stormwater Project is part of larger improvements to reconfigure the EMJ South Lake with new design features that will demonstrate substantial water conservation and water quality improvements, treatment of stormwater runoff through the capture of dry and wet weather flows from a large watershed, and utilization of recycled water. The MJ Stormwater Project as a component of the EMJ Master Plan was identified as a potential priority regional project in the 2015 Upper LA River Enhanced Watershed Management Program (EWMP) that was prepared by the Upper LA River Municipal Separate Storm Sewer System agencies and was approved by the LA Water Quality Control Board in April 2016.

The EMJ Master Plan is a County DPR proposed development project at EMJ, a 120-acre community regional park located at 905 East El Segundo Boulevard in the unincorporated neighborhood of Willowbrook in Los Angeles County (County). The EMJ Master Plan includes a new community center; children's play area and splash pad; walking paths; wedding lawn; exercise course; seating areas; educational and interpretive signage; lighting; drought-tolerant landscaping; and, most notably, the reconfiguration of EMJ's existing South Lake, which will incorporate a new biofiltration garden and stormwater recycling system (MJ Stormwater Project).

Built in the 1970s, the South Lake was constructed as a concrete bowl whose primary function was to hold water. The rudimentary structure of the South Lake has proven unsustainable—the lake is fed with potable water to make up for water loss from evaporation, and, due to its composition, the lake lacks adequate circulation and filtration capabilities. As a result, lake water remains stagnant, contributing to water quality issues and sustained contamination from bacteria, mercury, and petroleum-based hydrocarbons, which can currently be addressed with the use of chemicals. The contamination in the South Lake is detrimental to the local water inevitably flows into and pollutes the Creek, further contaminating the already polluted water system.

The EMJ Master Plan's received feedback from hundreds of residents and park users who contributed their valuable time, knowledge, and considerable talents to the planning process. In February 2016, the County of Los Angeles Board of Supervisors adopted the \$50 million multiphase EMJ Master Plan. The EMJ Master Plan identified matching funds of \$44.5 million in their proposal which is mostly from County

agencies including the Los Angeles Regional Park and Open Space District (Prop A), LA County Flood Control District, and LA County's 2nd Supervisorial District, among others. DPR has since identified the additional funding to complete the \$50 million EMJ Master Plan (See Exhibit B – Budget).

FISCAL INFORMATION: This grant will award the County of Los Angeles Department of Parks and Recreation for total amount of \$3,000,000 in Proposition 1 funds from funds remaining in the round one solicitation of Proposition 1 project request.

Proposition 1 funding for this project will be allocated from the following sections of Proposition 1, under statute:

79731 (f): San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy, the sum of thirty million dollars (\$30,000,000) and section 79735 (a) of the funds authorized by Section 79730, one hundred million dollars (\$100,000,000) shall be available, upon appropriation by the Legislature, for projects to protect and enhance an urban creek, as defined in subdivision (e) of Section 7048, and its tributaries pursuant to Division 22.8 (commencing with Section 79508....

LEGISLATIVE AUTHORITY AND RMC ADOPTED POLICIES/AUTHORITIES: The Rivers and Mountains Conservancy (RMC) statute provides in part that:

Section 32602: There is in the Resources Agency, the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy, which is created as a state agency for the following purposes:

- (a) To acquire and manage public lands within the Lower Los Angeles River and San Gabriel River watersheds, and to provide open-space, low-impact recreational and educational uses, water conservation, watershed improvement, wildlife and habitat restoration and protection, and watershed improvement within the territory.
- (b) To preserve the San Gabriel River and the Lower Los Angeles River consistent with existing and adopted river and flood control projects for the protection of life and property.
- (c) To acquire open-space lands within the territory of the conservancy.

Section 32604: The conservancy shall do all of the following:

- (a) Establish policies and priorities for the conservancy regarding the San Gabriel River and the Lower Los Angeles River, and their watersheds, and conduct any necessary planning activities, in accordance with the purposes set forth in Section 32602.
- (b) Approve conservancy funded projects that advance the policies and priorities set forth in Section 32602.
- (d) To provide for the public's enjoyment and enhancement of recreational and educational experiences on public lands in the San Gabriel Watershed and Lower Los Angeles River, and the San Gabriel Mountains in a manner consistent with the protection of lands and resources in those watersheds.

Section 32614: The conservancy may do all of the following:

- (b) Enter into contracts with any public agency, private entity, or person necessary for the proper discharge of the conservancy's duties, and enter into a joint powers agreement with a public agency, in furtherance of the purposes set forth in Section 32602.
- (e) Enter into any other agreement with any public agency, private entity, or person necessary for the proper discharge of the conservancy's duties for the purposes set forth in Section 32602.
- (f) Recruit and coordinate volunteers and experts to conduct interpretive and recreational programs and assist with construction projects and the maintenance of parkway facilities.

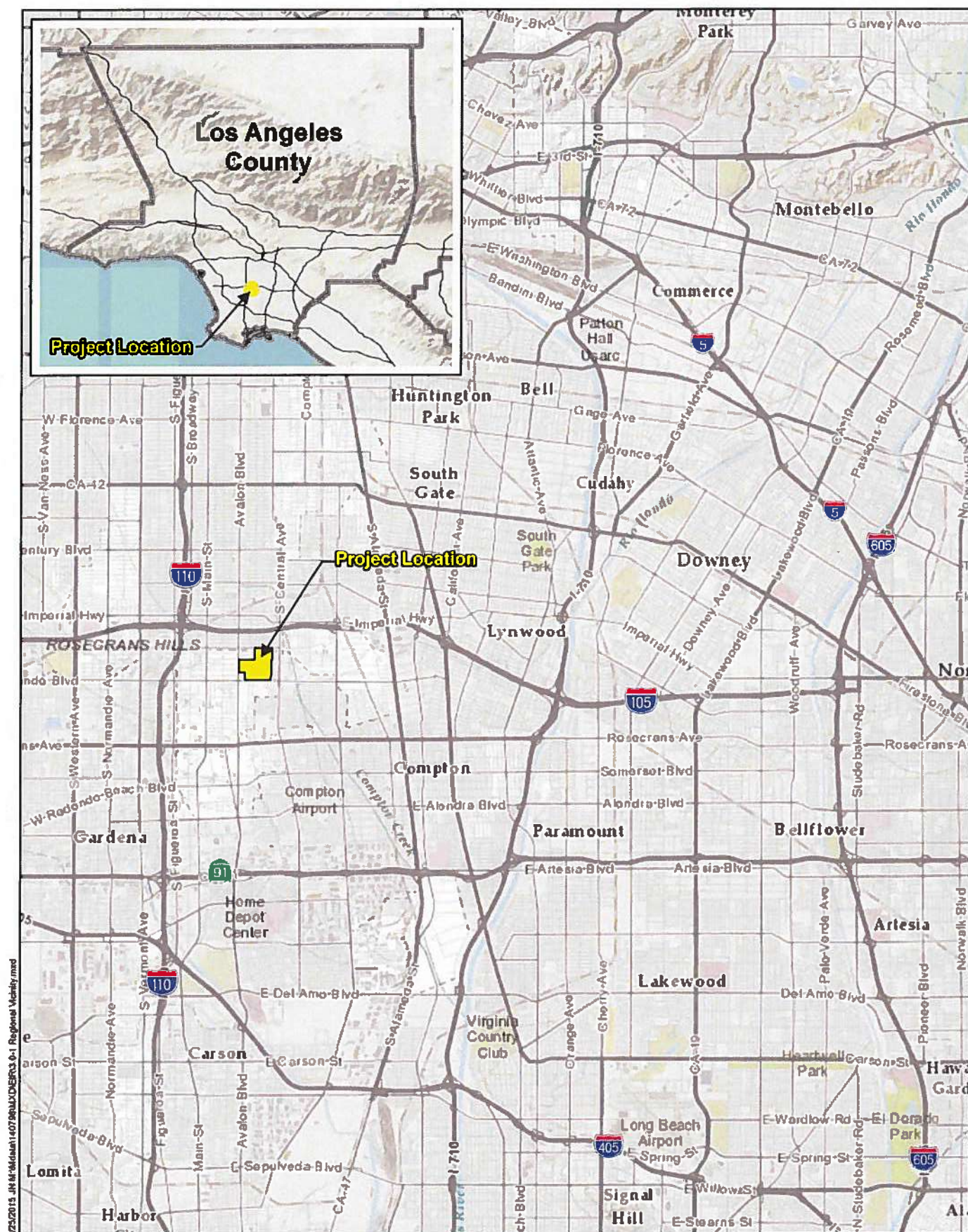
Further, Section 32614 provides that: The conservancy may do all of the following:

- (g) Undertake, within the territory, site improvement projects, regulate public access, and revegetate and otherwise rehabilitate degraded areas, in consultation with any other public agency with appropriate jurisdiction and expertise, in accordance with the purposes set forth in Section 32602. The conservancy may also, within the territory, upgrade deteriorating facilities and construct new facilities as needed for outdoor recreation, nature appreciation and interpretation, and natural resources protection. The conservancy may undertake those projects by itself or in conjunction with another local agency; however, the conservancy shall provide overall coordination of those projects by setting priorities for the projects and by ensuring a uniform approach to projects. The conservancy may undertake those projects with prior notification to the legislative body of the local agency that has jurisdiction in the area in which the conservancy proposes to undertake that activity.

Section 32614.5:

- (a) The conservancy may award grants to local public agencies, state agencies, federal agencies, and nonprofit organizations for the purposes of this division.
- (b) Grants to nonprofit organizations for the acquisition of real property or interests in real property shall be subject to all of the following conditions:
 - (1) The purchase price of any interest in land acquired by the nonprofit organization may not exceed fair market value as established by an appraisal approved by the conservancy.
 - (2) The conservancy approves the terms under which the interest in land is acquired.
 - (3) The interest in land acquired pursuant to a grant from the conservancy may not be used as security for any debt incurred by the nonprofit organization unless the conservancy approves the transaction.
 - (4) The transfer of land acquired pursuant to a grant shall be subject to the approval of the conservancy and the execution of an agreement between the conservancy and the transferee sufficient to protect the interests of the state.
 - (5) The state shall have a right of entry and power of termination in and over all interests in real property acquired with state funds, which may be exercised if any essential term or condition of the grant is violated.
 - (6) If the existence of the nonprofit organization is terminated for any reason, title to all interest in real property acquired with state funds shall immediately vest in the state, except that, prior to that termination, another public agency or nonprofit organization may receive title to all or a portion of that interest in real property, by recording its acceptance of title, together with the conservancy's approval, in writing.
- (c) Any deed or other instrument of conveyance whereby real property is acquired by a nonprofit organization pursuant to this section shall be recorded and shall set forth the executor interest or right of entry on the part of the state.

RMC Resolution 2015-19 approved guidelines consistent with the Proposition 1 bond language; RMC Resolution 2016-05 approved review of forty-four grant applications submitted for the Rivers and Mountains Conservancy Proposition 1 Grant Program; RMC Resolution 2016-13 approved the RMC Proposition 1 (2015) Tier 1 and Tier 2 Grant Recommendations; RMC Resolution 2016-23 approved the RMC Proposition 1 Grant Program (2015) Tier 1 and Tier 2 Grant Recommendations and authorized grant distributions of \$20,261,564.



MAGIC JOHNSON STORMWATER MANAGEMENT PROJECT

0 1 2 **PROJECT LOCATION MAP**



Source: ESRI World Topographic Map

BUDGET**MAGIC JOHNSON STORMWATER MANAGEMENT PROJECT / County of Los Angeles Department of Parks and Recreation**

	Project Costs				Costs by Funding Source					
Project Task Detail by Project Phase	Unit Cost \$	Unit Measure*	Quantity	Total Amount	RMC Funding 3,000,000	Prop A 22,023,000	County UA 21,000,000	Capital Funds 3,477,000	Funding Source 6 500,000	Check Total 50,000,000
PHASE 1										
1a Design										
Design Development, Construction Docs	140,000	LS	1	140,000	140,000					
Subtotal Task 1a				140,000	140,000	0	0	0	0	0
1b Project Mgmt. Costs-Item name										
Project Management	60,000	LS	1	60,000	60,000					
Construction Admin.	40,000	LS	1	40,000	40,000					
Permits	50,000	LS	1	50,000	50,000					
Subtotal Task 1b				150,000	150,000	0	0	0	0	0
SUBTOTAL TASK 1a + 1b				290,000	290,000	0	0	0	0	0
2a Demolition										
Demolition	402,500	LS	1	402,500	402,500					
Site Cut/Fill	112,500	LS	1	112,500	112,500					
Protect in Place Trees	76,000	LS	1	76,000	76,000					
Erosion Control	125,000	LS	1	125,000	125,000					
Subtotal Task 2a				716,000	716,000	0	0	0	0	0
2b Construction										
Soil Prep	285,000	LS	1	285,000	285,000					
Irrigation	420,000	LS	1	420,000	420,000					
Landscaping	395,000	LS	1	395,000	395,000					
Decomposed Granite w/ header	320,000	LS	1	320,000	320,000					
Mulch	140,000	LS	1	140,000	140,000					
Paving	200,000	LS	1	200,000	200,000					
Subtotal Task 2b				1,760,000	1,760,000	0	0	0	0	0
SUBTOTAL TASK 2a + 2b				2,476,000	2,476,000	0	0	0	0	0
PHASE 1 GRAND TOTAL				2,766,000	2,766,000	0	0	0	0	0
PHASE4										

1 Establishment of Landscaping										
Establishment 30%	28,000	LS	1	28,000	28,000					
Establishment 60%	28,000	LS	1	28,000	28,000					
Establishment 100%	28,000	LS	1	28,000	28,000					
PHASE 4 GRAND TOTAL				84,000	84,000	0	0	0	0	0
CONTINGENCY										
Contingency (not to exceed 10% of RMC Grant)	150,000	LS	1	150,000	150,000					
SUBTOTAL CONTINGENCY				150,000	150,000	0	0	0	0	0
PROJECT GRAND TOTAL				3,000,000	3,000,000	22,023,000	21,000,000	3,477,000	500,000	50,000,000

Exhibit C

**Magic Johnson Stormwater Management Project
Timeline**

ID	Task Name	Duration	Start	Finish	Predecessors	April	July	October	January	April	July	October	January
1	RMC Grant Award	26 days	Mon 6/25/18	Mon 7/30/18									
2	Phase 1A Public Bidding	23 days	Fri 6/29/18	Tue 7/31/18									
3	Construction Contract Awarded Phase 1A	43 days	Wed 8/1/18	Fri 9/28/18	2								
4	Ground Breaking on-site	1 day	Mon 10/1/18	Mon 10/1/18									
5	Construction Phase 1A	392 days	Tue 10/2/18	Wed 4/1/20	4								
6	Substantial Completion of Phase 1A	1 day	Mon 2/3/20	Mon 2/3/20									
7	Plant Establishment Period-90 Day Maintenance Period	65 days	Wed 4/1/20	Tue 6/30/20									
8	Project Closeout	88 days	Thu 4/2/20	Mon 8/3/20	5								
9	Grant Closeout	120 days	Tue 8/4/20	Mon 1/18/21	8								



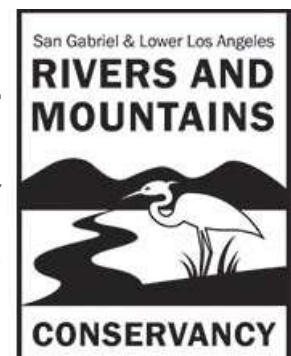
COUNTY OF LOS ANGELES

DEPARTMENT OF PARKS AND RECREATION

MAGIC JOHNSON STORMWATER MANAGEMENT PROJECT



**GRANT PROPOSAL
PROPOSITION 1 GRANT PROGRAM
RIVERS AND MOUNTAINS CONSERVANCY
MAY 7, 2018**





COUNTY OF LOS ANGELES

DEPARTMENT OF PARKS AND RECREATION

MAGIC JOHNSON STORMWATER MANAGEMENT PROJECT

- TABLE OF CONTENTS -

Application Form	1 - 4
Project Description	5 - 38
California Conservation Corps Consolation	39
Certified Youth Employment Plan	40
Tasklist and Timeline	41
Budget	42
Draft Resolution	43 - 44
Environmental Compliance	45
Permits, Easements, or Certifications	46
Operation and Maintenance	47
Land Tenure—Deed	48 - 58
Project Site Photographs	59 - 64
Conceptual Site Plan	65
Support Letters	
Los Angeles County Supervisor Mark Ridley-Thomas	66 - 67
Los Angeles County Department of Public Health	68 - 69
Los Angeles Neighborhood Land Trust	70
Los Angeles South Chamber of Commerce	71
Barack Obama Charter School	72
New Mount Calvary Mission Baptist Church	73
Athens Park Concerned Citizens	74
Community Resident Member, Rosamy Richie Gross	75
Project Location Map	76-77

GRANT APPLICATION FORM

RMC PROPOSITION 1 GRANT PROGRAM GRANT APPLICATION FORM

1. **APPLICANT:** County of Los Angeles Department of Parks and Recreation
2. **AGENCY:** (Same as above)
3. **CONTACT:** Kasey Dizon
4. **EMAIL/PHONE:** kdizon@parks.lacounty.gov / (626) 588-5360
5. **ADDRESS:** 1000 South Fremont Avenue, Unit 40, Alhambra, CA 91803
6. **NAME AND TITLE OF PERSON AUTHORIZED TO EXECUTE AGREEMENTS** (if different from agency contact): Faith Parducho, Special Assistant

7. **PROJECT NAME** (it is recommended that you include one or more of the following terms in the project name: Acquisition, Restoration, Development, Water Quality Improvement (maximum 50 characters):
Magic Johnson Stormwater Managment Project

8. **PROJECT DESCRIPTION** (150 words or less and you may utilize the same project description as your project narrative): The project will support water infrastructure improvements and sustainability efforts throughout the park, and include site preparation, planting of native, drought-tolerant landscaping; construction of a pedestrian pathway with decomposed granite around the park's South Lake; and refurbishment of a parking area.

9. **PROGRAM TYPE:** (check ONLY ONE)

- ☒ Urban Lands
☐ Rivers/Tributary Parkways
☐ Mountains, Hills and Foothills

10. **PROJECT TYPE:** (check all that apply)

- ☐ Planning
☐ Acquisition
☒ Development
☒ Open Space
☒ Watershed Improvement-Water Quality
☒ Watershed Improvement-Water Conservation
☐ Watershed Improvement-Water Supply
☐ Watershed Improvement-Water Storage
☐ Wildlife Corridor
☐ Wetland Habitat Restoration

11. **PROJECT LOCATION:**

Address: 905 E. El Segundo Blvd., Los Angeles, CA 90059
City Council District: N/A
State Senate District: 35
State Assembly District: 64
Congressional District: 44

County: Los Angeles
County Supervisor District: 2
Parcel No(s): 6086-031-906
Lat/Long: 33.917812 / -118.262556

12. COMPLETE THE CALIFORNIA CONSERVATION CORPS AND CERTIFIED COMMUNITY CONSERVATION CORPS CONSULTATION PROCESS (EXHIBIT E). CHECK ONLY ONE

- ☐ EXEMPT, this project is a planning or acquisition project
- ☐ YES, state the CCC that your agency is proposing to hire to complete your project, state which conservation corp your agency will be hiring: _____
- ☒ NO, explain why the CCC cannot provide the services for your project (maximum of one page):
 (See attached.) _____
- ☐ OTHER, explain the Youth Employment Program (maximum of one page): _____

13. WILL THIS PROJECT RESULT IN NEW PARK/OPEN SPACE?

- ☒ YES, then how many Total Acres ¹⁶ _____; Trail Miles _____
- ☐ NO

14. WILL THIS PROJECT RESULT IN NEW AREAS OF RESTORED HABITAT?

- ☐ YES, then how many Total Acres: _____; Trail miles: _____;
 Riparian Linear Miles: _____; Acres of Wetlands: _____
- ☒ NO

15. WILL THIS PROJECT RESULT IN NEW PARK DEVELOPMENT?

- ☒ YES, then how many Total Acres: _____; Trail Miles _____
- ☒ NO

16. WILL THIS PROJECT INVOLVE AN ACQUISITION? (check all that are included in this grant application):

- ☐ YES, then how many Total Acres: _____;
- ___ Willing Seller Letter
 - ___ Appraisal
 - ___ Current Title Report
 - ___ Environmental Assessments
- ☒ NO

17. DOES YOUR PROJECT INVOLVE DEVELOPMENT/RESTORATION? (check all that apply)

- ☒ Site Control (does your agency own the property for the proposed project)
- ☒ Zoning Type (does your agency have the appropriate approved zoning for the proposed project)

AGENCY identify permits necessary for project implementation	YES	NO	DATE OF APPROVAL/PENDING
California Fish and Wildlife		✓	N/A
State Water Control Resources Board		✓	N/A
US Army Corp of Engineers		✓	N/A
US Fish and Wildlife		✓	N/A
Los Angeles County Flood Control District		✓	N/A
City/County Construction Permits	✓		June 1, 2018
Coastal Commission		✓	N/A
Other		✓	N/A

18. DESIGN

What is the status of your project design, check the most appropriate box?

- ☐ General project concept with no professional design work
☐ Professional drafted concept design
☐ Professional drafted concept design with defined task and budget line items
☐ 30% construction drawings with task and budget line items
☐ 60% construction drawings with task and budget line items
☒ Approved construction drawings with all permits

What is the status of the environmental documentation for this project, check the most appropriate box?

- ☐ No CEQA/NEPA work initiated
☐ Initial Study Completed, date of completion _____
☐ Negative Declaration, date of certification _____
☐ Categorically Exempt, date of certification _____
☐ CEQA/NEPA in process, expected date of completion _____
☒ CEQA/NEPA completed, date of completion February 23, 2016

19. BUDGET/FUNDING INFORMATION

Amount requested: \$3,150,000

Is your funding request for the full amount necessary to complete this project? ☒ YES

☐ NO

Matching Funds: ☒ YES, total amounts and funding agency (See attached.)

☐ NO

Agency*	Matching Funds
TOTAL MATCHING FUNDS	

***include additional lines for matching funds if needed**

20. TIMELINE

Assuming that the RMC grant funds may be awarded in the summer 2016 what is the expected timeline for this project.

Start Date: September 2016

Completion Date: December 2020

21. SIGNATURES

Signature of Applicant: Same as below.

Name and Title: Same as below.

Signature of Authorized Official: 

Name and Title: Faith Parducho, Special Assistant

12. CALIFORNIA CONSERVATION CORPS CONSULTATION

No, the California Conservation Corps (CCC) cannot provide services for the Magic Johnson Stormwater Project (MJ Stormwater Project). County DPR has communicated with the CCC, which responded, but waived interest in participating in the proposed MJ Stormwater Project, as the Willowbrook community is not an active area for the CCC. However, the Willowbrook community has an active local corps, the Los Angeles Conservation Corps, which develops and implements projects in the area. County DPR will seek to recruit youth where possible to assist in the implementation of the proposed MJ Stormwater Project.

19. BUDGET/FUNDING INFORMATION

Agency	Matching Funds
Los Angeles Regional Park and Open Space District (Prop A)	\$22,023,000
County Flood Control District	\$10,900,000
County Unincorporated Areas	\$10,100,000
2 nd Supervisorial District, Supervisor Mark Ridley-Thomas	\$1,077,000
Measure R Local Return Fund	\$150,000
SCE Grant	\$250,000
TOTAL MATCHING FUNDS	

COUNTY OF LOS ANGELES DEPARTMENT OF PARKS AND RECREATION
MAGIC JOHNSON STORMWATER MANAGEMENT PROJECT
PROJECT DESCRIPTION

a. PROJECT DESCRIPTION

The County of Los Angeles Department of Parks and Recreation (County DPR) proposes a development project at Earvin “Magic” Johnson Recreation Area (EMJ), a 120-acre community regional park located at 905 East El Segundo Boulevard in the unincorporated neighborhood of Willowbrook in Los Angeles County (County). In February 2016, the County of Los Angeles Board of Supervisors (Board) adopted the Earvin “Magic” Johnson Master Plan (Master Plan), a \$50 million multi-phase project that reimagines and will completely transform the EMJ park environment with a new community event center; children’s play area and splash pad; walking paths; wedding lawn; exercise course; seating areas; educational and interpretive signage; lighting; drought-tolerant landscaping; and, most notably, the reconfiguration of EMJ’s existing South Lake, which will incorporate a new biofiltration garden and a stormwater recycling system.

This stormwater recycling system, developed in partnership with the County of Los Angeles Department of Public Works (County DPW), is a significant component of the Master Plan project, as the system will not only provide a much-needed cleaning mechanism for the South Lake, but also a sustainable irrigation system that wisely utilizes recycled, rather than potable, water. To support the aforementioned water infrastructure improvements and sustainability efforts, County DPR requests funding for the proposed Magic Johnson Stormwater Management Project (MJ Stormwater Project), a component of the larger multi-phase Master Plan project, that will consist of site preparation, including erosion control, protection of existing trees, removal of some existing vegetation, and demolition of existing site features and utilities; planting of new native, drought-tolerant landscaping; construction of a pedestrian pathway with decomposed granite around EMJ’s South Lake; and enhancement of an existing parking area. The MJ Stormwater Project will support activities of Phase 1A of the Master Plan project for enhancement of habitat, improvement to existing recreational amenities and the creation of new amenities, and development of a sustainable site design for much-needed local watershed health.

Besides water sustainability, the Master Plan project will also include other sustainable site planning strategies through the orientation of the community building, incorporating walking paths with decomposed granite in lieu of concrete, installing native plant material, and improving stormwater management. The community building is designed to meet LEED Gold standards, and will use energy efficient equipment, fixtures, and materials throughout the facility as well as utilize solar panels to supplement electrical needs. Native drought-tolerant plant material, included as part of the Master Plan project design, is adaptable to the changing climate. In addition, the Master Plan project will comply with two strategies of the Global Warming Solutions Act of 2006—the Waste and Recycling Strategy will be met through the County DPR’s recycling program, and the Electricity and Energy Strategy will be met with the appliances used within the community building and the utilization of solar panels as a source of power for the operation of the planned community center.

The goals and objectives of the MJ Stormwater Project include the following:

1. Enhance watershed health by increasing natural and native habitat, retain and clean stormwater, and conserve potable water;
2. Provide educational and interpretive signage that will highlight watershed health, illustrate Compton Creek (Creek) and stormwater connections, and educate the public about ecological systems; and
3. Support and create active and passive recreational opportunities for the local Willowbrook community.

The Master Plan project, and, therefore, the MJ Stormwater Project, was identified as a potential priority regional project in the 2015 Upper Los Angeles River Enhanced Watershed Management Program (EWMP) that was prepared by the Upper Los Angeles River Municipal Separate Storm Sewer System agencies and was approved by the Los Angeles Water Quality Control Board in April 2016. EMJ is located within a medium subwatershed, per the EWMP.

b. STATEMENT OF NEED

The Willowbrook neighborhood in Los Angeles County is highly urbanized and disproportionately low income. As such, the economically-disadvantaged Willowbrook community is vulnerable to disproportionate levels of pollution and suffers from a high pollution burden. Through Willowbrook runs the Creek, an 8.5-mile subwatershed of and the last major tributary to the Los Angeles River before it empties into the Pacific Ocean. In a previous life, the Creek was one of the braided channels of the Los Angeles River, dominated by freshwater marshes and willow-cotton forests. By 2010, however, it had been transformed into a predominantly concrete flood control channel regularly re-engineered to carry floodwater swiftly and methodically from the streets of Los Angeles to the Pacific Ocean. During this time, trash from city streets and an extraordinary quantity and variety of other pollutants would enter into the Creek and cause widespread water contamination—one source of high bacteria counts and high heavy metal concentrations throughout the water system and at beaches along the Southern California coast. Today, the Creek remains susceptible to multiple sources of contamination, including from EMJ's existing South Lake.

Built in the 1970s, the South Lake was constructed as a concrete bowl whose primary function was to hold water. The rudimentary structure of the South Lake has proven unsustainable—the lake is fed with potable water to make up for water loss from evaporation, and, due to its composition, the lake lacks adequate circulation and filtration capabilities. As a result, lake water remains stagnant, contributing to water quality issues and sustained contamination from bacteria, mercury, and petroleum-based hydrocarbons, which can currently only be addressed with the use of chemicals. The contamination in the South Lake is detrimental to the local water system, as overflow from the lake during high-volume storm events bypasses all cleaning and filtering and inevitably flows into and pollutes the Creek, further contaminating the already polluted water system.

The reconfiguration of EMJ's South Lake (see Exhibit A, page 13, depicting diversion structure and treatment plant) includes the complete transformation of the lake from a built concrete structure with stagnant water into a new design that will demonstrate substantial water conservation and water quality improvements, treatment of stormwater runoff through the capture of dry and wet weather flows from a large watershed, and utilization of recycled water. An analysis conducted by County DPW determined that between 30,000 and 120,000 gallons per day of dry weather flow is available. It is the intent of the Master Plan project to reduce storm weather discharge into the Creek, located to the east of the park site. The reduction will be achieved by capturing, treating and storing the flows in the lakes on-site up to the 85th percentile of a 100-year storm event. The new design will provide multi-benefits and watershed protection by involving a stormwater recycling system that will capture and collect dry weather and wet/stormwater flows from the large Creek watershed conveyed within an 84" storm drain along El Segundo Boulevard and into a diversion structure located onsite. The water flows will be diverted from the 84" storm drain into the diversion pump station, from which the flows will be forced to a treatment plant for pretreatment to capture suspended particulates in the water. The pretreated water and potable water will be discharged into the South Lake as well as into a recycled water irrigation system used to irrigate the park landscaping, which will, then, be recirculated back into the pretreatment vault. The new design will also involve the creation of a biofiltration garden that integrates native aquatic vegetation plantings to imitate a natural wetland filtration process, allowing for filtration of dirty runoff water and greywater to be cleaned and stored in the South Lake. In addition, the biofiltration garden will serve a dual purpose by providing irrigation to the park and acting as a storage and overflow zone that will ensure only clean water flows from the lake into the Creek. Once the storage capacity of the lake is met, the treated overflow will be sent into the local Creek watershed. With the new design, the South Lake will be reborn as a natural-looking body of water that circulates and cleans stormwater, and play a major part in revitalizing the park and natural habitat for the health of the community and local wildlife. County DPR intends to sustain revitalization efforts of the local watershed by providing a foundation that will help to achieve and maintain a clean, healthy, and sustainable water system in the region. The MJ Stormwater Project will support these efforts by providing the necessary groundwork for the aforementioned

water infrastructure improvements to the South Lake and to the overall site. The MJ Stormwater Project will also help reinforce sustainability efforts that contribute to a healthy, inviting, safe, and accessible park space and community environment.

c. AUDIENCE AND GEOGRAPHIC AREA SERVED

According to the 2010 United States Census, approximately 36,000 residents live in the 3.8 square miles that define the Willowbrook area. The Census showed that the racial makeup of Willowbrook is predominantly Hispanic or Latino (64%) and African American (34%). 81.6% of all households are comprised of families, and the average family size is 4.38. The population is spread out in age with approximately 33% under the age of 18; 12% aged 18 to 24; 27% aged 25 to 44; 20% aged 45 to 64; and 8% aged 65 or older. The median household income is approximately \$34,000, with an alarming 32% of the population living below the federal poverty line. Notably, the MJ Stormwater Project is sited in an area with 187% of the median county percent under 18.

The MJ Stormwater Project will primarily serve residents and visitors of the unincorporated area of Willowbrook, located in Los Angeles County, as well as the neighboring communities of Broadway-Manchester, Compton, Green Meadows, Harbor-Gateway, Lynwood, Vermont Vista, and Watts. The economically-disadvantaged community of unincorporated Willowbrook is extremely diverse with a blend of urban, suburban, and even rural qualities (as evidenced by its long narrow lots, horse trails, and vast backyard crops). The MJ Stormwater Project will serve a broad geographic representation of the County that is dense, culturally diverse, and of high need due to the fact that Willowbrook residents have median household incomes that are well below the State average, insufficient parkland, and limited funding for the development of parks and nature areas.

The MJ Stormwater Project will serve an area that has a significant percentage of residents living with chronic diseases, such as diabetes, obesity, asthma. According to the CalEnviroScreen 3.0 Asthma Map, the Census Tract 6037540800, within which EMJ is located, records 5,042 people living with chronic asthma. The indicator measures the number of emergency department visits for asthma per 10,000 people over the years 2011 to 2013. According to CalEnviroScreen 3.0, 83.01 people per 10,000 people in Willowbrook visited the emergency room for asthma. Therefore, the asthma rate for the Willowbrook area is higher than 86.68% of the census tracts in California. The Cal EnviroScreen results for Census Tract 6037540800, within which EMJ is located, reflect a CalEnviroScreen score between 86-90%. The pollution burden is within the 84th percentile and population characteristics are within the 81st percentile. Further statistics are outlined below, indicating that EMJ is in a highly burdened area with a significant percentage of resident living with chronic diseases among other toxic conditions. Per CalEnviroScreen, the following numbers represent the percentile score for that component or indicator, and higher percentile indicates a higher relative burden:

<u>Ozone:</u>	9
<u>PM2.5:</u>	79
<u>Diesel:</u>	74
<u>Drinking Water:</u>	43
<u>Pesticides:</u>	0
<u>Toxic Releases:</u>	89
<u>Traffic Density:</u>	48
<u>Cleanup Sites:</u>	82
<u>Groundwater Threats:</u>	76
<u>Hazardous Waste:</u>	88
<u>Impaired Water:</u>	64
<u>Solid Waste:</u>	40
<u>Age:</u>	57
<u>Asthma:</u>	95
<u>Low Birth Weight:</u>	93
<u>Low Education:</u>	62
<u>Linguistic Isolation:</u>	18
<u>Poverty:</u>	71
<u>Unemployment:</u>	85

EMJ is conveniently located within ¼ mile or 10 minutes walking distance of both a residential area and public transportation that includes multilingual wayfinding signage. It is surrounded by and directly adjacent to residential neighborhoods in Willowbrook, and within ¼ mile of the Metro Green Line Avalon Boulevard Station. As such, the Master Plan project includes improvements to a pedestrian, equestrian and/or bicycle connection to an existing trail, trail system, community facility, recreation area or school. In addition, the Master Plan project is identified in the 2012 Bicycle Master Plan, a sub-element of the Transportation Element of the County's General Plan, that proposes approximately 831 miles of new bikeways throughout Los Angeles County for implementation through 2032. An existing bike path directly adjacent to the MJ Stormwater Project provides connection along El Segundo Boulevard (<https://dpw.lacounty.gov/pdd/bike/masterplan.cfm>). In addition, EMJ is located ¼ mile directly west of the Compton Creek Bike Trail, which has end points at El Segundo Boulevard and North Parmelee Avenue in Compton and East Del Amo Boulevard in Carson. The Compton Creek Bike Trail accommodates multiple modes of transportation, including biking and walking (<https://www.traillink.com/trail/compton-creek-bike-path/>).

The Master Plan project design and location provides relief from the negative impacts of urban density such as incompatible land uses and unregulated industrial impacts as well as contributes to the removal or a nuisance property/use from the community. Two blighted parcels adjacent to EMJ were historically utilized for industrial use to house oil holding tanks. The land use has since been made more compatible through the County of Los Angeles 2035 General Plan, adopted on October 6, 2015 by the Board. These two underutilized lots directly adjacent to EMJ have been or are currently under negotiations to be purchased by the County for open space and recreation use. As part of the Master Plan, the first parcel (APN #608-603-7010), previously owned by the Ujima Housing Corporation, has been recently purchased by the County and now has a land use of P (Public/Semi-Public), and the second parcel (APN #608-603-7906), owned by the Ujima Village Apartment Complex, is currently being transferred to the County by the Community Development Commission (CDC) and now has a land use designation of OS-PR (Open Space - Parks and Recreation). The parcels, which sat vacant for years and previously attracted members of the homeless population, gang activity, and stray animals, will add 16 acres to EMJ, enhancing open space in the region. County DPR has plans to improve the parcels and make them compatible with the rest of EMJ as part of the Master Plan project's Cultural Complex.

d. GOALS AND OBJECTIVES

The goals and objectives for the Master Plan project, of which the MJ Stormwater Project is a component, are outlined below:

1. Enhance watershed health by increasing natural and native habitat, retaining and cleaning stormwater, and conserving potable water.

The MJ Stormwater Project will increase landscaping with a plant palette of a variety of native and drought-tolerant plants and grasses. The plant design contains over 75% of native plants within the plant palette. Native species include *Encelia Californica*, *Salvia* species, *Muhlenbergia* species, and *Salix Lasolepis* (see Exhibit B, pages 14-16, planting matrix). In addition, the MJ Stormwater Project will also help increase the avian habitats within EMJ by introducing nesting structures for herons and other bird species (see Exhibit C, page 17, Habitat Experience Exhibit). In particular, the MJ Stormwater Project will support restoration of the native riparian habitat at the South Lake to enhance the habitat for the Black-Crowned Night Heron (population has shown a slight decline between 1966 and 2014, however their presence are good indicators of overall environmental quality since they forage at the top of the food chain, nest in colonies, and have a wide distribution (https://www.allaboutbirds.org/guide/Black-crowned_Night-Heron/lifehistory)) and the Great Blue Heron. Progress will be measured as outlined below in the section addressing Monitoring and Assessment.

The reconfigured South Lake will feature a new design that will demonstrate substantial water conservation and water quality improvements, treatment of stormwater runoff through the capture of dry and wet weather flows from a large watershed, and utilization of recycled water. County DPW conducted an analysis and determined that between 30,000 and 120,000 gallons per day of dry weather flow is

available. It is the intent of the Master Plan project to reduce storm weather discharge into the Creek and conserve potable water. The reduction will be achieved by capturing, treating and storing the flows in the lakes on-site up to the 85th percentile of a 100-year storm event. The MJ Stormwater Project will support these efforts by providing the necessary groundwork for the water infrastructure improvements to the South Lake and to the overall site. The MJ Stormwater Project will also help reinforce sustainability efforts that contribute to a healthy and accessible park space and community environment.

2. Provide education and interpretive signage highlighting watershed health, illustrate creek and stormwater connections, and education on ecological systems.

Educational/interpretive and/or informational elements are included in and around the water treatment facility to educate the public on watershed stewardship through the water treatment systems at EMJ. There will be a highly technical water treatment system that will be displayed through windows into the treatment facility as well as a more natural water treatment system that will be located around the perimeter of the South Lake's biofiltration garden—natural water treatment will occur through aquatic plants that will cleanse the water through natural means. Educational/interpretive signage at the park will also inform the public about the larger watershed system, illustrate the Creek and stormwater connections, and discuss the role that EMJ will play from a more regional perspective.

3. Support and create active and passive recreational opportunities. Currently, EMJ has fitness zones dispersed around a perimeter walking loop.

The MJ Stormwater Project proposes a community ring that will be constructed around the South Lake to serve as the main walking path. It would also connect to the other existing walking paths throughout the park. Picnic areas, exercise amenities, seating areas, viewing areas, and an observation deck will also be developed along the community ring. Mileage markers and signage promoting physical activities will be added to encourage opportunities for physical activities, fitness, healthy living, and active lifestyles. Landscaping enhancements to recreational amenities will also promote passive recreation, particularly around the South Lake. For example, the newly reconfigured design of the South Lake as well as the new avian habitats will encourage opportunities for rest and relaxation, birdwatching, education/interpretation, etc.

e. COMMUNITY OUTREACH

The Master Plan project supports feedback from hundreds of residents and park users who contributed their valuable time, knowledge, and considerable talents to the planning process. The Project concept and designs are a result of direct community input held through community meetings within the Willowbrook community, and occurred no earlier than January 2013. County DPR and Los Angeles County Supervisor Mark Ridley-Thomas, representing the Second Supervisorial District, worked with the community to develop the Master Plan that would creatively transform EMJ. County DPR undertook extensive outreach efforts to inform project stakeholders and continuously engage the general public, park users, and local residents in a dialogue about the adequacy of the existing park and what could be done to improve their park user experience. These efforts included hosting three well-attended community workshops in 2014 (June 14, August 23, and November 1), discussing the Master Plan project with park users, and distribution of information at EMJ on several occasions; attending community leaders meeting held at the Supervisor's office to inform the community of progress on the project; mailing flyers to residents within a 1,000 foot radius of EMJ; and sending out e-mail blasts to project stakeholders and interested parties. In addition, County DPR met with the Regional Water Quality Control Board (RWQCB) and Department of Toxic Substances Control (DTSC) to discuss preliminary Master Plan efforts. Public hearings were conducted by the Regional Planning Commission and the Board prior to the adoption of the Master Plan and certification of the Final Environmental Impact Report on February 23, 2016.

Also, two community meetings were held on November 12, 2016 and May 24, 2017 to specifically discuss the implementation of Phase IA of the Master Plan project. The concept design was presented at the first

meeting, which was attended by approximately 100 people. Design development drawings were presented at the second meeting, which was attended by approximately 60 people. In addition, an Open House has been scheduled for May 26, 2018 to provide general updates on Phase IA improvements, the proposed stormwater project, and the Revised Master Plan and Addendum to the Environmental Impact Report. Potential partnering organizations such as the Natural History Museum, the Los Angeles County Museum of Art, and workforce development agencies, will also be present to share information with community members. The May 2018 event will offer an informal opportunity for residents to gather, be informed, and discuss planned improvements at the park and other related issues.

The MJ Stormwater Project is consistent with RMC's Environment Justice Policy. County DPR undertook extensive outreach efforts to inform project stakeholders and continuously engage the general public, park users, and local residents in a dialogue about the adequacy of the existing park and what could be done to improve their park user experience. County DPR used culturally-appropriate and sensitive outreach methods to engage Willowbrook residents, the majority of whom are African-Americans and Latinos. Spanish translation was provided in community meetings, and meeting materials were made available in English and Spanish. Childcare was also provided at meetings to ensure that parents with children were able to participate. All of the community meetings regarding the Master Plan project were well-attended, with residents showing a lot of interest in the proposed park improvements. The Project conforms with the key principles set forth by the RMC Environmental Justice Policy, per Section 2.4, including making environmental justice considerations a standard in the way business is done; working with local elected officials, staff of cities, and community groups, to address concerns about lack of access to safe open space, especially in low-income and minority communities; strengthening public outreach, education, and organizing efforts in all communities, especially low-income communities and where there is a need for implementation; and identifying partners within land-use and transportation agencies that are responsible for the environmental benefits or adverse impacts in our neighborhoods and address potential mitigation activities.

f. MONITORING AND ASSESSMENT PLAN

Since the Master Plan project involves joint-use of the site between County DPR and County DPW, the two agencies are in the process of drafting Operation and Maintenance agreements regarding the Diversion Pump Station and Water Treatment Station. County DPW will manage and maintain the Stormwater Treatment Plant and Facilities, and County DPR will manage and maintain the rest of the park and the remaining facilities.

Upon project completion, water in the South Lake will be tested to establish baseline contaminant levels. The established baseline will be used to compare future water quality tests. Water quality testing and servicing will be added to regular park maintenance duties to detect and treat contaminants in water in order to ensure a clean aquatic environment.

County DPR's experienced park superintendents and maintenance staff will operate and maintain the project site to ensure optimal operation of the MJ Stormwater Project. A monitoring and assessment plan will be utilized to regularly inspect the project site for mechanical issues, habitat issues, and cleanliness. Park staff will be required to properly document all inspections in a log and initiate the appropriate action to quickly resolve issues that arise. As part of the project development, County DPR in conjunction with design consultant, AHBE Landscape Architects, has developed a draft Landscape Maintenance Management Plan (see Exhibit D, pages 18-38, Plant Maintenance Matrix) for the long-term maintenance of the enhanced habitat. The landscape maintenance manual outlines logistics of weed management for County DPR maintenance staff. In addition, County DPR's South County Community Services Agency has established a trash management plan and unauthorized uses for the park.

The existing natural habitat on-site will not be negatively impacted by actions proposed for the Master Plan project, but rather the native restoration will result in enhanced native habitat. The Master Plan project plant design contains over 75% of native plants within the plant palette. The Master Plan project utilized the Water Use Classification of Landscape Species (WUCOLS) and the USDA Plant Hardiness zoning map to evaluate the suitability and success of the created plant habitat. Species include *Encelia Californica*, *Salvia* species, *Muhlenbergia* species, *Salix Lasolepis*, and several others. In addition, it is the intent of the Master Plan project to increase the avian habitats within the park through the enhancement of the natural habitat and the introduction of nesting structures for herons and other bird species. Specifically, the MJ Stormwater Project will restore the

native riparian habitat at the South Lake to enhance the habitat for the Black-Crowned Night Heron and Great Blue Heron. The South Lake will be monitored by qualified County staff for presence of avian migratory species during pre-construction as well as post-construction. The types of birds and approximate numbers will be recorded and compared to determine whether the improved habitat has been attractive to and used by migratory birds. Both physical habitat and fauna will be evaluated in order to determine interrelationships between bird species and the new habitat. Continued enhancements and maintenance will be carried out, as necessary, to maintain the healthiest habitat possible.

In addition, an informal joint-use of the park with an adjacent charter school, Amino Watts Charter School, exists. The school children use EMJ for open space and recreation during school hours; however, the joint-use has not been formalized into an agreement document.

g. ORGANIZATIONAL CAPACITY

Established in 1944, County DPR is the largest local park agency in the State and serves the most populous county in the nation, with more than 10 million residents. Currently, more than 20 million people visit County DPR parks and facilities every year, including County of Los Angeles residents as well as visitors from neighboring counties and from around the world. Under the leadership of the County of Los Angeles Board of Supervisors, County DPR continues to strive towards excellence and innovation in meeting the diverse needs of its constituents. To better support these goals, County DPR continues to seek grant funding whenever possible.

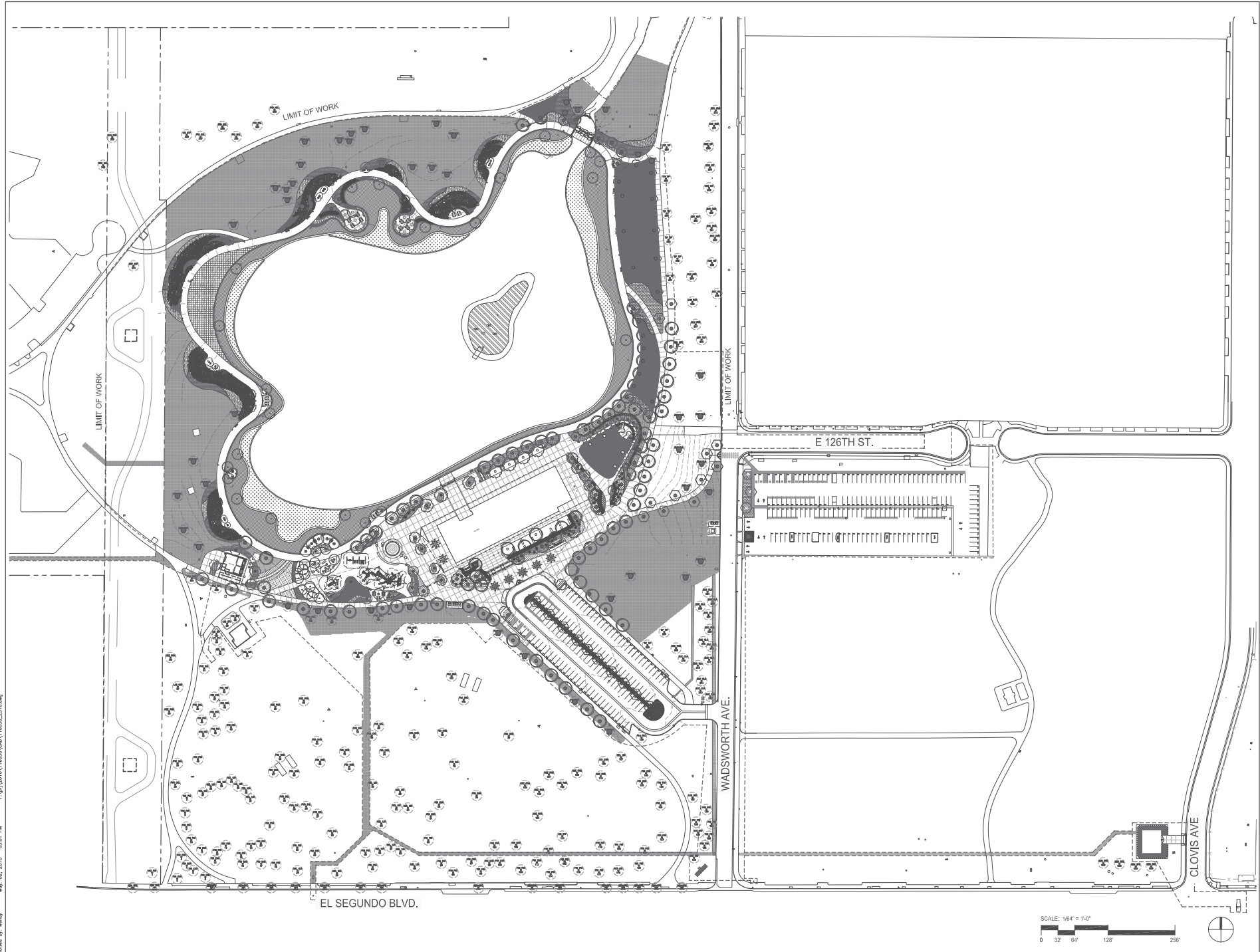
County DPR has extensive experience in overseeing grant-funded projects, and continues to complete projects within specified budgets and timelines. For almost 50 years, County DPR has successfully managed and completed over 1,000 grant-funded projects for acquisition, development, and programming through grant programs administered by state, federal, and local sources. One example of a County DPR project that is similar in size and scope is the State-funded Model Green Park at Eugene A. Obregon Park, which includes bio-retention basins, vegetated swales, a demonstration garden, and replacement of impermeable concrete with permeable pavement with the purpose of conserving water, managing and increasing stormwater capture, mitigating urban heat island effect, and reducing greenhouse gas emissions while also providing environmental education and promoting sustainable and healthy lifestyles.

Design Project to Maximize Sustainability: County DPR maintains a policy of environmental responsibility and implements projects that adhere to the highest standards of sustainability and conservation. In keeping with this policy, the proposed MJ Stormwater Project will be designed and built with innovation and sustainability in mind. The design plans incorporate sustainable features, including the biofiltration garden that utilizes native aquatic plantings, and a stormwater recycling system as well as walking path with decomposed granite, among other features. Utilizing sustainable methods for irrigation with recycled stormwater and greywater will help transform the utilitarian EMJ park into a vibrant community gathering space, and provide an open space resource for generations of Willowbrook residents. In this way, County DPR helps to fulfill an ongoing effort to remain innovative and at the forefront of environmental responsibility and sustainability.

Manage Project Timeline to Ensure Timely Completion of Milestones: County DPR continues to meet post-award requirements in a timely matter, including the submission of project status reports, the submission of payment requests, and other requirements specific to each grant program. The County of Los Angeles in-house professional project management team oversees capital improvement projects of all scales. For the Master Plan project, the project delivery method will include pre-design construction documents and construction. County DPR will prepare all pre-design construction documents in-house and work in partnership with the Los Angeles Community Development Commission (CDC), responsible for construction. To ensure the timely completion of milestones, each project begins with a pre-meeting with all involved parties. During construction, project managers conduct site inspections and meetings on an ongoing basis to monitor the progress of the project. Monthly project status report meetings are held with project management, construction, grants management, and funding analysts. In addition, grants management staff prepares status reports to document progress and conducts periodic site inspections during the construction and close-out phases to ensure that all grant requirements are being met.

Monitor Project Outcomes to Ensure Intended Standards: Since its inception in 1944, County DPR has successfully operated and maintained park facilities that have received grant funding. All County DPR facility operation and maintenance services must be in compliance with mandated County facility operations practices, ensuring that all sites are maintained to high standards. All County DPR facilities are inspected daily by experienced maintenance staff; all issues are documented and written reports are submitted to the grounds maintenance management for resolution. County DPR's long-term plans for the Master Plan project include best practices in maintenance and upkeep of the South Lake as well as structural elements; and continued work and collaboration with the community and stakeholders to ensure the project's continued success as an asset to visitors and local communities.





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Sheet title:

OVERALL LANDSCAPE PLANTING PLAN

Designed by:	CA, EM
Drawn by:	
Checked by:	GL, WC
Project number:	116030.01

L3.10

Exhibit D

SHRUB & GROUND COVER MIX: WETLAND ZONE "A" (EMERGENT)							
SYMBOL	BOTANICAL NAME "COMMON NAME"	SIZE AND SPACING	APP. SPECIES	WUCOLS (K)	COMMENTS	DETAIL	STATUS
	A1 APONGETON DISTACHIOS "WATER WARTHORN"	5 GAL. @ 36" O.C.	YES	HIGH (0.7)	PLANT 2 BULBS EACH OF APONGETON DISTACHIOS AND NYMPHAEA "GEORGE T. MOORE" IN THE SAME 5 GAL. CONTAINER	2/1,3,51 1,257 SQ.FT.	NON-NATIVE
	A2 CYPERUS ERAGROSTIS "TALL FLATSGRASS"	TREE POT LINER @ 24" O.C.	YES	HIGH (0.7)		2/1,3,51 3/1,3,51	CA. NATIVE
	A3 JUNCUS ARCTICUS VAR. "MEXICAN RUSH"		YES	MODERATE (0.3)		2/1,3,51 4,439 SQ.FT.	CA. NATIVE
	A4 HELIOMIS NUCIFERA "ALBA GRANDIFLORA" "SINGLE PETAL WHITE LOTUS"	5 GAL. @ 36" O.C.	YES	HIGH (0.7)		2/1,3,51 1,450 SQ.FT.	NON-NATIVE
	A5 NYMPHAEA "GEORGE T. MOORE" "GEORGE T. MOORE PURPLE WATER LILY"	5 GAL. @ 36" O.C.	YES	HIGH (0.7)	PLANT 2 BULBS EACH OF APONGETON DISTACHIOS AND NYMPHAEA "GEORGE T. MOORE" IN THE SAME 5 GAL. CONTAINER	2/1,3,51 3/1,3,51	NON-NATIVE
	A6 SCHONOPLECTUS CALIFORNICA "CALIFORNIA BULGRASS"	TREE POT LINER @ 24" O.C.	YES	HIGH (0.7)		2/1,3,51 5,209 SQ.FT.	CA. NATIVE
	A7 SCHONOPLECTUS MARITIMUS "SEASIDE BULGRASS"		YES	HIGH (0.7)		2/1,3,51 4,250 SQ.FT.	CA. NATIVE
	A8 TYPHA DOMINGENSIS "SOUTHERN CATTAIL"		YES	HIGH (0.7)		2/1,3,51 3/1,3,51	CA. NATIVE
TOTAL SQUARE FOOTAGE OF WETLAND ZONE A: 36,883 SQ. FT. (CA NATIVE: 144,489 SQ. FT.)							

SHRUB & GROUND COVER MIX: WETLAND ZONE "B" (INUNDATION TOLERANT)							
SYMBOL	BOTANICAL NAME "COMMON NAME"	SIZE AND SPACING	APP. SPECIES	WUCOLS (K)	COMMENTS	DETAIL	STATUS
	B1 ANDROPIS CALIFORNICA "YERBA MANGA"	LINEAR @ 24" O.C.	YES	MODERATE (0.5)		2/1,3,51 112 SQ.FT.	CA. NATIVE
	B2 DISTICHUS SPICATA "INLAND SALTGRASS"	TREE POT LINER @ 24" O.C.	YES	LOW (0.3)		2/1,3,51 3/1,3,51	CA. NATIVE
	B3 ELOCHARIS MACROSTACHYA "COMMON SPIDERGRASS"		YES	MODERATE (0.5)		2/1,3,51 3/1,3,51	CA. NATIVE
	B4 JUNCUS ACUTUS "SPINY RUSH"		YES	MODERATE (0.5)		2/1,3,51 3/1,3,51	CA. NATIVE
	B5 JUNCUS EFFUSUS "BOG RUSH"		YES	MODERATE (0.5)		2/1,3,51 3/1,3,51	CA. NATIVE
	B6 PLUCHEA ODORATA "SALT MARSH FLODBANE"		YES	MODERATE (0.5)		2/1,3,51 3/1,3,51	CA. NATIVE
	B7 SCHONOPLECTUS MARITIMUS "SEASIDE BULGRASS"		YES	MODERATE (0.5)		2/1,3,51 3/1,3,51	CA. NATIVE
TOTAL SQUARE FOOTAGE OF WETLAND ZONE B: 33,199 SQ. FT. (CA NATIVE)							

SHRUB & GROUND COVER LEGEND:							
SYMBOL	BOTANICAL NAME "COMMON NAME"	SIZE AND SPACING	HTXSPR	APP. SPECIES	WUCOLS (K)	COMMENTS	STATUS
	ABELIA GRANDIFLORA "TOMATO COQUIN" "PINK ABELIA"	5 GAL. @ 36" O.C.	14"x14"	YES	MODERATE (0.5)	AS SHOWN	NON-NATIVE
	BACCHARIS PILLULARIS "TIDEN POINT "DWARF COYOTE BRUSH"	1 GAL. @ 60" O.C.	1"x8"	YES	LOW (0.3)		CA. NATIVE
	BOULEDOUA GRACILIS "BLONDE "MIRBON" "BLONDE AMBITION BLUE GRAMA GRASS"	1 GAL. @ 18" O.C.	3/4 TO CAN FULL	YES	LOW (0.3)	TRI. SPC.	CA. NATIVE
	BOULEDOUA DACTYLOIDES "UC VERDE" "UC VERDE BUFFALO GRASS"	1 1/4 X 1 3/4 PLUGS @ 8" O.C.	128 PLUGS PER TRAY	YES	LOW (0.3)	TRI. SPC.	NON-NATIVE
	FESTUCA RUBRA "MOLATE" "MOLATE RED FESCUE"	SEED		YES	HIGH (0.7)	TRI. SPC.	CA. NATIVE
	FURCRAEA FRETIDA "MEXICAN "MARGARITA MEXICAN HEMP"	15 GAL.	20"x20"	YES	LOW (0.3)	AS SHOWN	NON-NATIVE
	ISELUMM SEMIPERVIRENS "CAROLINA JESSAMINE"	15 GAL.					NON-NATIVE
	KOeleria MACRANTHA "JUNEGRASS"	1 GAL. @ 14" O.C.	3/4 TO CAN FULL	YES	LOW (0.3)	TRI. SPC.	CA. NATIVE
	LANTANA SELLOWIANA "MOMMA" "WHITE LIGHTNING LANTANA"	1 GAL. @ 30" O.C.	6"x8"	YES	LOW (0.3)	TRI. SPC.	NON-NATIVE
	LOMANDRA LONGIFOLIA "BREEZE" "DWARF MINT RUSH"	1 GAL. @ 24" O.C.	3/4 TO CAN FULL	YES	MODERATE (0.5)	TRI. SPC.	NON-NATIVE
	MESANTHUS TRANSMISSOENSIS "COPPERGREEN MIMUS GRASS"	5 GAL. @ 48" O.C.	30"x14"	YES	MODERATE (0.5)	TRI. SPC.	NON-NATIVE
	MULLENBERGIA DUBIA "PINE MURLEY"	5 GAL. @ 24" O.C.	3/4 TO CAN FULL	YES	LOW (0.3)	TRI. SPC.	NON-NATIVE
	MULLENBERGIA LINDEMAYERI "LEN" "AUTUMN GLOW MURLEY"	5 GAL. @ 48" O.C.	3/4 TO CAN FULL	YES	LOW (0.3)	AS SHOWN	NON-NATIVE
	MULLENBERGIA RIGENS "DEER GRASS"	5 GAL. @ 36" O.C.	3/4 TO CAN FULL	YES	LOW (0.3)	TRI. SPC.	CA. NATIVE
	ROSA X "NOACHINE" "FLOWER CARPET WHITE ROSE"	5 GAL. @ 36" O.C.	6"x8"	YES	MODERATE (0.5)	TRI. SPC.	NON-NATIVE
	SALVIA LEUCANTHA "WHITE MESQUIT" "WHITE MESQUIT MEXICAN BUSH SAGE"	5 GAL. @ 36" O.C.	30"x14"	YES	LOW (0.3)	AS SHOWN	NON-NATIVE
	WESTRINGIA FRUTICOSA "MORNING "MORNING LIGHT COAST ROSEMARY"	5 GAL. @ 36" O.C.	12"x12"	YES	LOW (0.3)	TRI. SPC.	NON-NATIVE
TOTAL SQUARE FOOTAGE OF SHRUBS AND GROUND COVER: 33,221 SQ. FT. (NOT NATIVE)							

COASTAL SAGE:							
SYMBOL	BOTANICAL NAME "COMMON NAME"	SIZE	HTXSPR	APP. SPECIES	WUCOLS (K)	COMMENTS	STATUS
	ADONIS CALIFORNICA "CALIFORNIA SAGEBRUSH"	1 GAL. @ 30" O.C.	4" X 4"	YES	VERY LOW (0.1)	ATTRACTIVE TO BIRDS	CA. NATIVE
	ARISTIDA PURPUREA "PURPLE THREE ARN"	1 GAL. @ 14" O.C.	3/4 TO CAN FULL	YES	VERY LOW (0.1)	ATTRACTIVE TO BIRDS, POLLINATORS	CA. NATIVE
	ASOLEPIAS FASCICULARIS "CALIFORNIA NARROWLEAF MILKWEED"	1 GAL. @ 36" O.C.	6" X 4"	YES	VERY LOW (0.1)	ATTRACTIVE TO POLLINATORS	CA. NATIVE
	ENGELIA CALIFORNICA "CALIFORNIA BRITTELEBRUSH"	1 GAL. @ 36" O.C.	6" X 4"	YES	VERY LOW (0.1)	ATTRACTIVE TO BIRDS	CA. NATIVE
	ERIOGONUM FASCICULATUM "CALIFORNIA BLOOMING"	1 GAL. @ 36" O.C.	4" X 4"	YES	VERY LOW (0.1)	ATTRACTIVE TO BIRDS, POLLINATORS	CA. NATIVE
	ESCHOLZIA MENZIESII VAR. "VERNONWOODS"	1 GAL. @ 36" O.C.	4" X 4"	YES	VERY LOW (0.1)	ATTRACTIVE TO POLLINATORS	CA. NATIVE
	PENTSTEMON ARBOREUS "BLADDERPOD"	1 GAL. @ 36" O.C.	6" X 4"	YES	VERY LOW (0.1)	ATTRACTIVE TO POLLINATORS	CA. NATIVE
	SALVIA APHANA "WHITE SAGE"	1 GAL. @ 36" O.C.	6" X 4"	YES	VERY LOW (0.1)	ATTRACTIVE TO BIRDS	CA. NATIVE
	SALVIA CLEVELANDII "CLOVELEND SAGE"	1 GAL. @ 48" O.C.	6" X 6"	YES	VERY LOW (0.1)	ATTRACTIVE TO BIRDS, POLLINATORS	CA. NATIVE
	SALVIA LEUCOPHYLLA "PURPLE SAGE"	1 GAL. @ 48" O.C.	4" X 4"	YES	VERY LOW (0.1)	ATTRACTIVE TO POLLINATORS	CA. NATIVE
	SALVIA MELIFERA "BLACK SAGE"	1 GAL. @ 36" O.C.	4" X 4"	YES	VERY LOW (0.1)	ATTRACTIVE TO BIRDS	CA. NATIVE
	TRICHOSTEMA LANATUM "WOOLLY BLUE CURLS"	1 GAL. @ 36" O.C.	4" X 4"	YES	VERY LOW (0.1)	ATTRACTIVE TO POLLINATORS	CA. NATIVE
TOTAL SQUARE FOOTAGE OF COASTAL SAGE SCRUB AREA: 34,889 SQ. FT. (CA NATIVE)							

HAND BROADCAST WILDFLOWER MIX (WITH COASTAL SAGE AREAS)							
SYMBOL	BOTANICAL NAME "COMMON NAME"	SIZE AND SPACING	APP. SPECIES	WUCOLS (K)	COMMENTS	DETAIL	STATUS
	ALL COASTAL SAGE PLANTING AREAS	5 LBS PER ACRE (PLS)	YES	LOW (0.3)	TOTAL PURE LIVE SEED (PLS) REQUIRED IS 11.5 LBS PER ACRE		CA. NATIVE
	CHASSONIA CHERANTHIFOLIA "BEACH PRIMROSE"		YES	LOW (0.3)			CA. NATIVE
	CLARKIA PURPUREA "PURPLE CLARKIA"		YES	LOW (0.3)			CA. NATIVE
	ESCHOLZIA CALIFORNICA "CALIFORNIA POPPY"	1.0 LBS PER ACRE (PLS)	YES	LOW (0.3)			CA. NATIVE
	LATHENIA CALIFORNICA "CALIFORNIA GOLDENROD"		YES	LOW (0.3)			CA. NATIVE
	PLANTAGO INSULARIS "PLANTAIN"	6.0 LBS PER ACRE (PLS)	YES	LOW (0.3)			CA. NATIVE

SHRUB & GROUND COVER LEGEND: SOUTH LAKE ISLAND MIX							
SYMBOL	BOTANICAL NAME "COMMON NAME"	SIZE	QTY.	APP. SPECIES	WUCOLS (K)	COMMENTS	STATUS
	5 LBS SEED MIX "CALIFORNIA COASTAL NATIVE WILDFLOWER MIX"	18"-36" H	20 LBS PER ACRE	YES	LOW (0.3)		CA. NATIVE

MULCH & COBBLESTONE							
SYMBOL	BOTANICAL NAME "COMMON NAME"	SIZE AND SPACING	APP. SPECIES	WUCOLS (K)	COMMENTS	DETAIL	STATUS
	MULCH	-	-	-	PER SPECIFICATIONS		
	COBBLESTONE "MEXICAN BLACK BEACH COBBLESTONE"	SIZE: 2"-3"	-	-		12/1,3,51	

TURF							
SYMBOL	BOTANICAL NAME "COMMON NAME"	SIZE AND SPACING	QTY.	APP. SPECIES	WUCOLS (K)	COMMENTS	STATUS
	TURF "TIFWAY"	BIG ROLL 500	31,282 SF	YES	HIGH (1.0)		
	TURF PATCH AND REPAIR	SEED	304,547 SF	YES	HIGH (1.0)	MATCH EX. SPECIES	

SUMMARY

TOTAL SQ. FT. OF CA NATIVE PLANTS: 144,489 SQ. FT.

TOTAL SQ. FT. OF NON-CA NATIVE PLANTS: 36,938 SQ. FT.

TOTAL SQ. FT. OF PLANTS: 181,427 SQ. FT.

80% OF TOTAL PLANTS ARE CALIFORNIA NATIVE



COUNTY OF LOS ANGELES COMMUNITY DEVELOPMENT COMMISSION
700 West Main Street
Alhambra, CA 91801

EARVIN MAGIC JOHNSON PARK
PHASE 1A
905 East El Segundo Blvd.
Los Angeles, CA 90059

Issue dates		
#	Date	Description
1	03/24/17	FOR SCHEMATIC DESIGN
2	03/31/17	FOR SCHEMATIC DESIGN
3	07/14/17	FOR SUBMITTAL
4	09/25/17	FOR SUBMITTAL
5	10/30/17	FOR SUBMITTAL
6	12/20/17	FOR SUBMITTAL
7	04/06/18	FOR SUBMITTAL
8	05/31/18	FOR SUBMITTAL
9		
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Sheet title:

PLANTING LEGEND

Designed by:	CA. EM
Drawn by:	GL. WC
Checked by:	
Project number:	116030.01

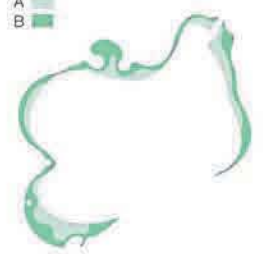
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UPLAND GRASSLANDS /
COASTAL SAGE SCRUB MIX
URBAN CONTEXT



WETLAND ZONES



COASTAL SAGE SCRUB
RESTORATION
PATCHES



PATCHES OF COASTAL SAGE SCRUB
PLANTING THROUGHOUT A D.G. WALK
TO SHOWCASE THE VARIETY OF
COASTAL SAGE SCRUB PLANTING TYPES
AND THE PLETHORA OF WILDLIFE THAT
BENEFITS FROM THESE RESTORED
HABITAT ECOLOGIES.



COLORFUL VARIETY OF GRASSES, RUSHES, FLOWERING
SHRUBS, AND POLLINATOR-ATTRACTING PLANTS



WETLAND ZONE A: CONSTANT WATER INUNDATION,
PHYTOREMEDIATION



WETLAND ZONE B: SEASONAL WATER INUNDATION,
CLOSER WETLAND ADJACENCY TO HUMAN USER EXPERIENCE



NATIVE PLANTS / NATIVE HABITAT / NATIVE WILDLIFE
BENEFACTOR



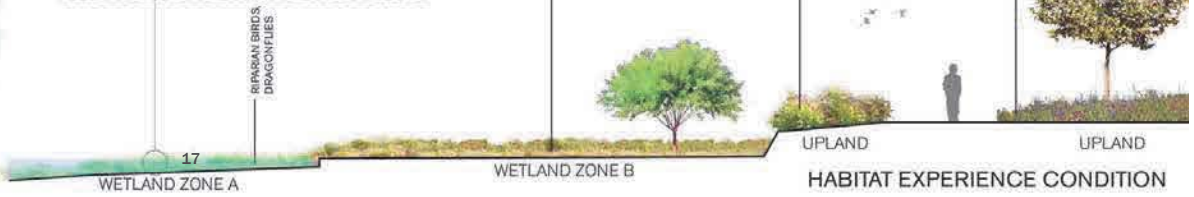
VARIETY OF AVIAN AND POLLINATOR SPECIES ATTRACTED BY
VARIOUS HABITAT PLANTINGS ADD BIOLOGICAL, VISUAL, AND
EPHEMERAL VALUE TO THE SITE.

SOUTH LAKE ISLAND RIPARIAN WILDLIFE RESPITE

Black-Crowned Night Heron
Nycticorax nycticorax
Great Blue Heron
Ardea herodias



NESTING STRUCTURES FOR HERONS PROVIDE
ADDITIONAL PERMANENT HABITAT, AND BECOMES AN
OPPORTUNITY FOR VIEWING AND ECOLOGICAL STUDY.



July 9, 2018 – Item 16

RESOLUTION 2018-18

RESOLUTION OF THE SAN GABRIEL AND LOWER LOS ANGELES
RIVERS AND MOUNTAINS CONSERVANCY (RMC)
RECOMMENDING THE APPROVAL OF A PROPOSITION 1 GRANT
TO THE COUNTY OF LOS ANGELES DEPARTMENT OF PARKS
AND RECREATION FOR THE MAGIC JOHNSON STORMWATER
MANAGEMENT PROJECT (RMC 17027)

WHEREAS, The legislature has found and declared that the San Gabriel River and its tributaries, the Lower Los Angeles River and its tributaries, and the San Gabriel Mountains, Puente Hills, and San Jose Hills constitute a unique and important open space, environmental, anthropological, cultural, scientific, educational, recreational, scenic, and wildlife resource that should be held in trust to be preserved and enhanced for the enjoyment of, and appreciation by, present and future generations; and

WHEREAS, The RMC may award grants to local public agencies, state agencies, federal agencies, and nonprofit organizations for the purposes of Division 22.8 the Public Resources Code in accordance with guidelines of respective bond funds; and

WHEREAS, The proposed project meets an objective of the California Water Action Plan for more reliable water supplies, restoration of important species and habitat, more resilient and sustainably managed water infrastructure; and

WHEREAS, The proposed project is consistent with the San Gabriel and Los Angeles River Watershed and Open Space Plan; and

WHEREAS, The proposed project protects land and water resources; and

This action is exempt from the environmental impact report requirements of the California Environmental Quality Act (CEQA); and NOW

Therefore be it resolved that the RMC hereby:

- 1 FINDS that this action is consistent with the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy Act and is necessary to carry out the purposes and objectives of Division 22.8 of the Public Resources Code.
- 2 FINDS the proposed project meets at least one of the three objectives of the California Water Action Plan.
- 3 FINDS that the proposed action is consistent with the San Gabriel and Lower San Gabriel and Los Angeles River Watershed and Open Space Plan as adopted by the Rivers and Mountains Conservancy;
- 4 FINDS that the actions contemplated by this resolution are exempt from the environmental impact report requirements of the California Environmental Quality Act.
- 5 ADOPTS the staff report dated July 9, 2018.
- 6 AUTHORIZES a grant to the grantee: County of Los Angeles Department of Parks and Recreation for the Magic Johnson Stormwater Management Project (RMC 17027). Funding amount \$3,000,000.00

~ End of Resolution ~

Resolution No. 2018-18

Passed and Adopted by the Board of the
SAN GABRIEL AND LOWER LOS ANGELES RIVERS AND MOUNTAINS
CONSERVANCY on July 9, 2018.

Motion _____ Second: _____

Ayes: _____ Nays: _____ Abstentions: _____

Frank Colonna, Chair

ATTEST:

David Edsall
Deputy Attorney General